



U.S.E HICKSON
15 WALLSEND DRIVE
SCARBOROUGH ONTARIO M1E 3X6
(416) 724-2000

PRODUCT : STONE MASON VINYL CEMENT PATCH



SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER.....U.S.E HICKSON PRODUCTS LTD.
15 WALLSEND DRIVE
SCARBOROUGH, ON
M1E 3X6
416-724-2000

PRODUCT NAME.....VINYL CEMENT PATCH
PRODUCT USES.....CONCRETE PATCHING
CHEMICAL FAMILY.....CEMENT, SAND MIXTURE

SECTION 02: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	EXPOSURE LEVELS	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
PORTLAND CEMENT % :25-60 CAS #:65997-15-1	5mg/m3 respirable	NOT APPLICABLE	
SILICON DIOXIDE % :40-60 CAS #:14808-60-7	0.1 mg/m3 respirable dust	NOT INDICATED	NOT INDICATED
POLYVINYL ACATATE % :1-5 CAS #:24937-78-8	Not available	>5,000MG/KG	
CALCIUM HYDROXIDE % :1-5 CAS #:1305-62-0	5mg/cu.m.	ORL-RAT 7.34g/kg	NOT AVAILABLE

SECTION 03: HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF ENTRY.....EYES CONTACT. INHALATION. SKIN CONTACT

SKIN CONTACT.....DRYNESS, ITCHING, RASHES AND BURNS CAN DEVELOP FOLLOWING CONTACT WITH SKIN. SKIN ABRASIONS CAN OCCUR IF MATERIAL IS RUBBED AGAINST THE SKIN. DERMATITIS AND SKIN SENSITIZATION CAN DEVELOP AFTER REPEATED AND/OR PROLONGED SKIN CONTACT.

SKIN ABSORPTION.....THIS MATERIAL IS NOT ABSORBED THROUGH SKIN CONTACT AND NO SYSTEMICALLY TOXIC EFFECTS ARE KNOWN VIA THIS ROUTE.

INHALATION.....PRODUCT CONTAINS CRYSTALLINE QUARTZ ("FREE") SILICA. REPEATED INHALATION OF SILICA IN EXCESS OF THE TLV OVER EXTENDED PERIODS CAN RESULT IN IRREVERSIBLE FIBROSIS OF THE LUNGS (SILICOSIS). OVEREXPOSURE TO DUSTS CSN IRRITATE THE RESPIRATORY TRACT. IARC HAS ASSOCIATED HIGH EXPOSURE TO CRYSTALLINE SILICA WITH CANCER IN LABORATORY ANIMALS.

INGESTION.....NO TOXIC EFFECTS ARE KNOWN TO BE ASSOCIATED WITH THE INGESTION OF THIS MATERIAL. MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT IF INGESTED.

EYE CONTACT.....THIS MATERIAL CAN IRRITATE AND MAY BURN EYES FOLLOWING DIRECT CONTACT. THE AGGREGATE PARTICLES MAY CAUSE ABRASIONS TO THE CORNEA.

PRODUCT : STONE MASON VINYL CEMENT PATCH**SECTION 04: FIRST AID MEASURES**

EYE CONTACT.....DO NOT RUB EYES. IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS CONSULT DOCTOR.

SKIN CONTACT.....RINSE SKIN FREE OF MATERIAL WITH WATER TO AVOID ABRASION OF THE SKIN. DO NOT RUB UNTIL SKIN IS FREE OF MATERIAL THEN WASH THOROUGHLY WITH SOAP AND WATER. IF REDNESS, ITCHING, BURNING OR OTHER SYMPTOMS DEVELOP OR PERSIST SEEK MEDICAL ATTENTION. REMOVE AND DECONTAMINATE CLOTHING BEFORE RE-USE.

INHALATION.....REMOVE TO FRESH AIR. IF COUGH, IRRITATION, DIFFICULTY IN BREATHING OR OTHER RESPIRATORY SYMPTOMS PERSIST OR DEVELOP CONSULT A PHYSICIAN.

INGESTION.....IF SWALLOWED, SEEK MEDICAL ATTENTION. DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL.

ADDITIONAL INFORMATION.....MUCOSAL INJURY FOLLOWING INGESTION OF THIS MATERIAL MAY CONTRAINDICATE THE INDUCTION OF VOMITING IN THE TREATMENT OF POSSIBLE INGESTION.

SECTION 05: FIRE FIGHTING MEASURES

FLASH POINT (C), METHOD.....NOT APPLICABLE

AUTO IGNITION TEMPERATURE.....NOT APPLICABLE

UPPER FLAMMABLE LIMIT (% VOL)....NOT APPLICABLE

LOWER FLAMMABLE LIMIT (% VOL)....NOT APPLICABLE

EXTINGUISHING MEDIA.....NOT APPLICABLE

HAZARDOUS COMBUSTION PRODUCTS....NOT APPLICABLE

SENSITIVITY TO MECHANICAL.....NO IMPACT

SENSITIVITY TO STATIC.....NO DISCHARGE

SECTION 06: ACCIDENTAL RELEASE MEASURES

LEAK/SPILL.....KEEP UNNECESSARY PEOPLE AWAY. FOLLOW PERSONAL PROTECTION PROCEDURES (SECTION 8) WHEN CLEANING UP SPILLS. COLLECT SPILLED POWDER BY DUSTLESS METHODS AND PLACE IN CONTAINERS. IF NECESSARY, DIKE SPILLS OF MIXED MATERIAL WITH ABSORBENT MATERIAL AND SHOVEL INTO WASTE CONTAINERS. AVOID GENERATING DUSTS. WET MATERIAL MAY BE SLIPPERY. USE CAUTION TO AVOID FALLS.

SECTION 07: HANDLING AND STORAGE

HANDLING PROCEDURES.....AVOID CONTACT WITH ACIDS AND OTHER OXIDIZERS. MINIMIZE GENERATION OF DUST. AVOID SKIN AND EYE CONTACT. AVOID SKIN AND EYE CONTACT. AVOID BREATHING DUST. REMOVE CONTAMINATED CLOTHING BEFORE REUSE. STORE IN A COOL WELL VENTILATED PLACE AWAY FROM INCOMPATIBLE MATERIALS

STORAGE NEEDS.....NON-HAZARDOUS. PREVENT ACCUMULATIONS OF DUST. STORE IN A COOL AND DRY PLACE, FOR PRODUCT INTEGRITY.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

PROTECTIVE EQUIPMENT

EYE/TYPE.....FULL FACESHIELD OR CHEMICAL TIGHT GOGGLES RECOMMENDED TO AVOID SPLASHING IN EYES WHILE HANDLING, MIXING, PLACING OR AS LONG AS SPLASH HAZARD EXISTS. SAFETY GLASSES RECOMMENDED IF GRINDING, CUTTING, ETC. OF HARDENED MATERIAL IS REQUIRED.

RESPIRATORY/TYPE.....WHERE EXPOSURE TO DUSTS FROM THIS PRODUCT MAY EXCEED THE APPLICABLE EXPOSURE LIMITS A MSHA-NIOSH APPROVED RESPIRATOR FOR THE DUST SHOULD BE USED

PRODUCT : STONE MASON VINYL CEMENT PATCH**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

GLOVES/ TYPE.....IMPERVIOUS GLOVES
CLOTHING/TYPE.....ADEQUATE TO AVOID SKIN CONTACT.
FOOTWEAR/TYPE.....ADEQUATE TO AVOID SKIN CONTACT.
OTHER/TYPE.....EYE WASH FACILITY SHOULD BE CLOSE IN PROXIMITY.
VENTILATION REQUIREMENTS.....ADEQUATE VENTILATION TO AVOID CHRONIC INHALATION OF DUST.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE.....SOLID
ODOR.....NO ODOR
SPECIFIC GRAVITY.....NOT AVAILABLE
VAPOR PRESSURE (mm Hg).....NOT APPLICABLE
VAPOUR DENSITY (AIR=1).....NOT APPLICABLE
EVAPORATION RATE.....NOT APPLICABLE
BOILING POINT (deg C).....NOT APPLICABLE
PH.....NO DATA FOR THIS MIXTURE. INGREDIENTS ARE STRONGLY ALKALINE
WHEN MIXED WITH WATER.
SOLUBILITY IN WATER (% W/W).....SLIGHT
COEFFICIENT OF WATER\OIL.....NOT APPLICABLE
DISTRIBUTION
FREEZING POINT.....NOT APPLICABLE
MELTING POINT (deg C).....NOT APPLICABLE

SECTION 10: STABILITY AND REACTIVITY

INCOMPATIBILITY.....STRONG OXIDIZING AGENTS SUCH AS ORGANIC AND INORGANIC
ACIDS. ACIDS WILL REACT WITH CEMENT, LIME AND CARBONATES.
HAZARDOUS PRODUCTS OF.....NONE
DECOMPOSITION

SECTION 11: TOXICOLOGICAL INFORMATION

EXPOSURE LIMIT OF MATERIAL.....SEE HAZARDOUS INGREDIENTS SECTION (2)
IRRITANCY OF MATERIAL.....REFER TO ROUTE OF ENTRY
SENSITIZING CAPABILITY OF.....IN SUSCEPTIBLE INDIVIDUALS
MATERIAL
CARCINOGENICITY OF MATERIAL.....QUARTZ (CRYSTALLINE SILICA) IS A SUSPECT CARCINOGEN PER
IARC.
TERATOGENICITY.....NOT KNOWN TO OCCUR
MUTAGENICITY.....NOT KNOWN TO OCCUR
REPRODUCTIVE EFFECTS.....NOT KNOWN TO OCCUR

SECTION 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL.....THIS PRODUCT IS NOT A CONTROLLED PRODUCT UNDER THE CANADIAN
WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS).

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL.....REUSE POWDER OR MIXED MATERIAL IF UNCONTAMINATED. DISCARDED
PRODUCT AND HARDENED MORTAR ARE NON-HAZARDOUS WASTE.
DISPOSE OF AS NONHAZARDOUS WASTE IN COMPLIANCE WITH
APPLICABLE REGULATIONS.

SECTION 14: TRANSPORT INFORMATION

T.D.G. CLASSIFICATION.....NOT REGULATED.

PRODUCT : STONE MASON VINYL CEMENT PATCH

SECTION 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION.....NOT A CONTROLLED PRODUCT.

SECTION 16: OTHER INFORMATION

NOTICE.....CANUTEC EMERGENCY (613) 996-6666. THE DATA INCLUDED HEREIN ARE PRESENTED ACCORDING TO U.S.E HICKSON PRODUCTS LTD.'S PRACTICES CURRENT AT THE TIME OF PREPARATION HEREOF, ARE MADE AVAILABLE SOLELY FOR THE CONSIDERATION, INVESTIGATION AND VERIFICATION OF THE ORIGINAL RECIPIENTS HEREOF AND DO NOT CONSTITUTE A REPRESENTATION OR WARRANTY FOR WHICH U.S.E. HICKSON ASSUMES LEGAL RESPONSIBILITY. IT IS THE RESPONSIBILITY OF A RECIPIENT OF THIS DATA TO REMAIN CURRENTLY INFORMED ON CHEMICAL HAZARD INFORMATION, TO DESIGN AND UPDATE IT'S OWN PROGRAM AND TO COMPLY WITH ALL FEDERAL, PROVINCIAL AND LOCAL LAWS AND REGULATIONS APPLICABLE TO SAFETY, OCCUPATIONAL HEALTH, RIGHT-TO-KNOW AND ENVIRONMENTAL PROTECTION.

MISCELLANEOUS INFORMATION.....PEL FOR SILICA CRYSTALLINE QUARTZ: FOR RESPIRABLE DUST IN mg/m3: 10mg/m3/(%SIO2+2) FOR TOTAL DUST IN mg/m3: 30mg/m3/(%SIO2+2)

PREPARED BY.....PROCESS DEVELOPMENT

PREPARATION DATE.....APR 05/2001